

**Top 20 Chemicals with Largest TRI On-site and Off-site Releases, Electric Utilities (SIC codes 491/493), 2001**

CAS Number Chemical		On-site Releases							Off-site Releases Transfers Off-site to Disposal Pounds	Total On- and Off-site Releases Pounds
		Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases		Total On-site Releases Pounds		
				Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
7647-01-0 Hydrochloric acid	533,672,077	46	0	0	0	168,005	533,840,128	5	533,840,133	
-- Barium compounds	1,394,010	957,429	0	0	622,941	143,485,022	146,459,402	38,356,739	184,816,141	
7664-93-9 Sulfuric acid	116,103,266	1	0	0	0	480,005	116,583,272	0	116,583,272	
7664-39-3 Hydrogen fluoride	55,840,272	1,611	0	0	0	218,153	56,060,036	11,787	56,071,823	
-- Manganese compounds	383,582	553,328	0	0	104,138	28,597,001	29,638,049	6,878,991	36,517,040	
-- Vanadium compounds	1,234,350	242,834	0	0	0	22,603,384	24,080,568	5,752,985	29,833,553	
-- Zinc compounds	1,337,936	289,970	0	0	74,664	17,996,594	19,699,164	6,736,196	26,435,360	
-- Copper compounds	211,201	330,422	0	0	386,142	11,573,501	12,501,266	3,038,258	15,539,524	
-- Nickel compounds	702,204	140,160	0	0	47,670	8,985,175	9,875,209	3,387,919	13,263,128	
-- Chromium compounds	276,285	101,731	0	0	70,955	9,285,105	9,734,076	2,357,806	12,091,882	
-- Lead compounds	199,849	48,985	0	4	50,348	7,255,728	7,554,914	1,511,933	9,066,847	
-- Arsenic compounds	113,189	132,840	0	0	26,302	4,439,306	4,711,637	1,178,194	5,889,831	
7440-39-3 Barium	427,217	4,800	0	0	0	3,910,756	4,342,773	888,550	5,231,323	
7664-41-7 Ammonia	4,601,699	63,376	0	0	0	29,037	4,694,112	118,709	4,812,821	
-- Cobalt compounds	35,419	13,353	0	0	0	3,162,216	3,210,988	441,410	3,652,398	
7440-62-2 Vanadium (except when contained in an alloy)	74,978	391	0	0	0	415,893	491,262	1,569,384	2,060,646	
-- Selenium compounds	426,648	46,144	0	0	0	537,550	1,010,342	146,448	1,156,790	
7439-96-5 Manganese	3,694	6,328	0	0	0	732,257	742,279	101,338	843,617	
-- Nitrate compounds	0	499,400	0	0	0	315,710	815,110	0	815,110	
-- Antimony compounds	9,208	34,376	0	0	0	631,377	674,961	15,420	690,381	
Subtotal	717,047,084	3,467,525	0	4	1,383,160	264,821,775	986,719,548	72,492,072	1,059,211,620	
Total*	717,575,860	3,519,693	0	4	1,383,707	266,699,366	989,178,631	73,068,649	1,062,247,281	

**Note: On-site Releases** are from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R. **Off-site Releases** include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. **Off-site Releases** do not include transfers to disposal sent to other TRI Facilities that reported the amount as an on-site release.

\* Total for Electric Utilities (SIC codes 491/493).